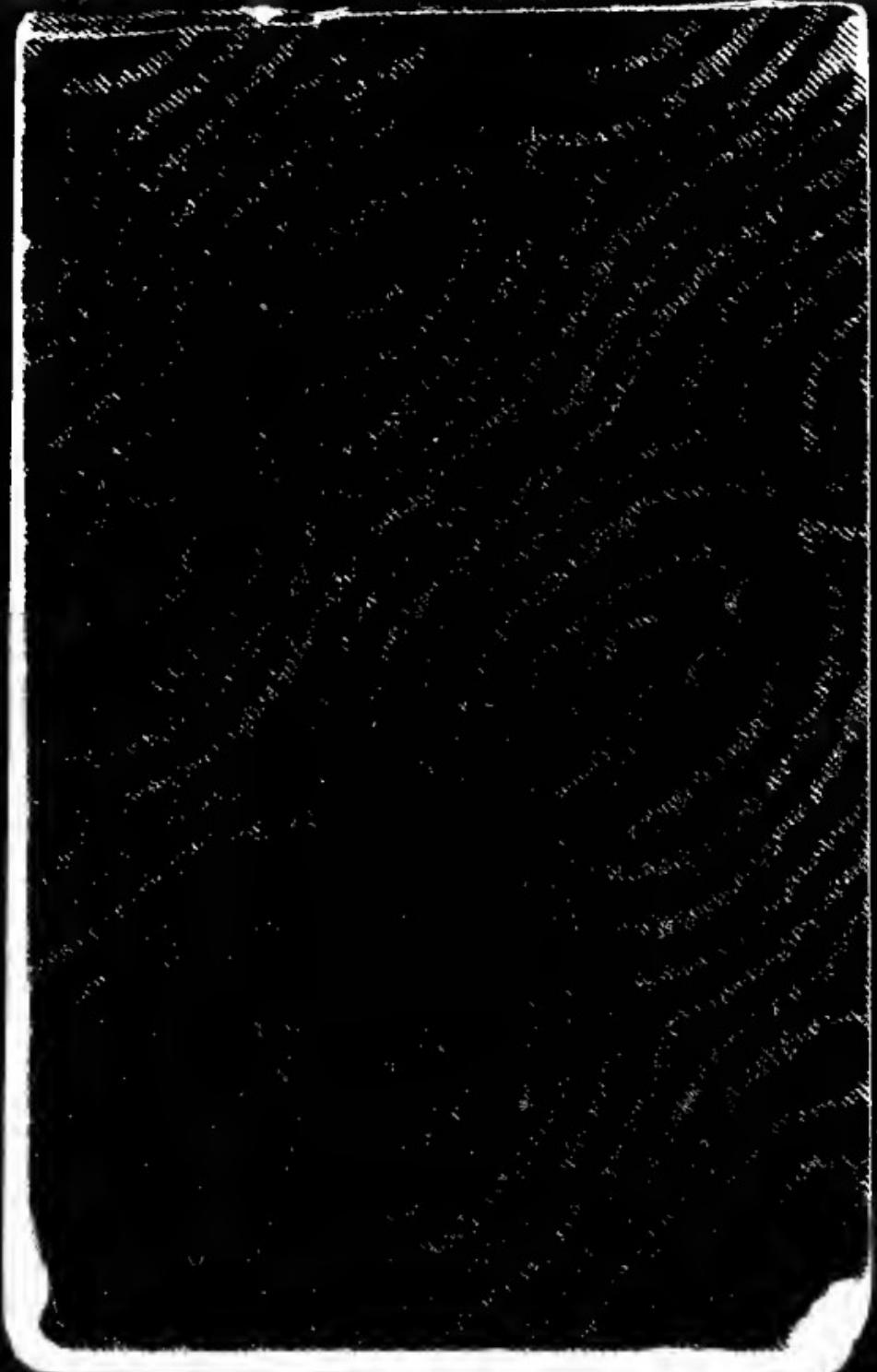


④

FARLOW - NOTEBOOK,
Notes which compare
specimens (of?)
from different geographical
locations





Chaetomorpha
Picnotinia
several specimens
in Herb. Mount. Montagne
from note on one
specimen apparently
thought that it
might be merely
C. melagonium.
Some of Montagne's
specimens seem
to be attached at
base but others
look as if they
might have been
free.

Chouetria Baileya
Herb. Mout. is
same as the
species in American
Herbaria.

Amphiroa debilis
Kg. (Bonnat no. 64)
has very little
swelling at the
nodes and the
filaments show
a tendency to
become a little
flattened. No. 15
Alg. Am. Bor. (no. 45
Bonnat Key West)

is really *amphiroa*
fragillissima
Lam. & D. 90
not my corrigenda
label wrong?
and are not 64
and 45 the same?

Amphiroa Peruana
of Florida is
very near *A. linearis*,
T. G. Jah. Phys. ~~VII~~
46. but is it not
really *A. Peruana*.

Corallina chilensis
Bolivian Rush is
same as *C. officinalis*
of the Gulf of Mexico.
Look up *C. var.*

barbatus Martens
to see if it is
found in the
Gulf of Mexico.

Corallina aquatica
of California has
a distinct disk
at base and is
C. gracilis Lamx.
The true *sqauamo*

has fibrous root.

Clootphora
glaucescens of
Wood's Holl
seems to be C.
crystallina.

For Melobesiae
use Eau de Javelle
particularly on
fresh specimens.
This loosens them
and they may be
skinned off the
water. Then mount
in Deane's medium
on mica.

The *Hildenbrandia*
from Monterey
is *H. rosca*, the
same form as that
species from
Morocco in
Herb. Barnet.

In same envelope
is an alga on
a shell which
is near *Rhododermis*
rufescens Batters
in its fruit but
with a different
frond.

Petrocelis. Sardia
Barbara, to be
compared with
the Petracelis in
Rupr. Alg. Ac. lit.
which it resembles
in having the
tips of filament
composed of
cubical cells. It
however has single
& double white knobs,
species is said to
have them in chains.
It resembles Ruprecht's
species more than
P. cruentata of N. E.
and Europe.

Herb. Harvey.

Aloidium Blodgettii
is made genus
Nightella of
Schmitz.

Look up *Microcoelia*
chilensis to see
whether we do not
have it in California.

Some specimens
have called *Holymenia*
(*anigulata*) from Key
West are marked
baltjorinaia
lurellata and

Halymeria in
Herb. Harr.

Gratelouphia macro-
phylla Aresch. in
Herb. Harr. is included
in *Gratelouphia*
Cutteriae.

The cinner of *Fundellia*
pastigiata from
Botanical Survey
of Maine, coll. a.
Young Jr. seems to
be sterile and quite
as likely to be
Polyides.

Ceranuum Haackii
is put in cover
with *Ceranuum*
Deslouchampia
in Herb. Harvey.

Halymenia ligulata
from Equimault is
very doubtful and
looks different.

The *Stictota filicina*
ag. (*plumosa* var.
Harlow) is *Stictota*
cucurbitina (var.
cucurbitina *skrib.* *Harw.*)

Callithamnion
Dietziae looks like
C. Baileyi rather
slender and spores
in cystocarps rather
corymbosely arranged
at tip.

Callithamnion
squamulosum looks
as much like
C. Baileyi as anything
but specimen is
in such a wet. It is
rather nakedly
hirsute than hirsyre

Nitophyllum
laceratum N.W. Coast
Herb. Harr. &
N. violaceum J.G.
Nitophyllum T. Rydberg
3 specimens in
Herb. Harr., one a
fragment, one
faded and one
looks like the
tip of a *N. Rubescens*
= *N. multibrunn.*

Hymenena latissima
of Herb. Harr.
includes rather
short form with
numerous veins
(the true *latissimum*),
and several much
divided tener
specimens only one
of which has a
label *H. latissima*.
This last form is
also found in cover
of *H. paniculata* but
this cover also me

D. leucosticta is not to
be distinguishing isolated
from specimen
of *Bolbyzagalaxum*
proliferum = n,
caeruleum var.
pulvinatum of Horn
in Beccaly.

D. cleosaria alata
from E. America &
Vancouver are kept
apart from others.
The E. American form
are all very narrow.
The Vancouver

specimen is some-
what broader.

Of *Delesseria*
funicularis are 3
specimens in Herb.
Haw. from Castle
(Young.) all doubt-
ful and what I
call *D. sinuosa*
rather dark, narrow
and ciliate form,

our *Californium* *Deles*,
gurcifoliae may be that
species which I cannot
distinguish from
magellanica and *Halkland*

Island specimen
of *D. Lyallii*.

Callophyllum
platellulata a very
narrow form, some
almost filiform,
approaching *Euthra-
ritis tota* in habit.

Collitramion

Barreri in Herb.

Harr. has some
stout forms but
also a few slender
ones which come
near *C. lyassoides*

One fragment of
Tucus serratus is
in Herk. Harr. from
marked Newburyport
Pike.

No specimen of
Tucus ceranoides
from America in
Herk. Harr. One
A. Harveyanus Mot
Coast from Deasne

Only very small
fragments of *Ectocarpus*
flaccidus and *Ect.*
ulvaceus in Herk. Harr.

No specimen of
Kallymenia rediform
from West Coast in
Herb. Harr.

The single specimen
of *Heterogramme*
from Key West in
Herb. Harr., is sterile
and may as well
be *Cyathidium*.

Pikea. 7 specimens
in Pikea cover,

my *Melobesia am-*
plexifrons is not
like Harvey's specimen
of that species which

of mosses which
have rather broad
prominent conceptacles
Amphiroa rufa
Harr. Herb. which is
but in cover with
Amph. epiphyloides
D. A. is like the
naked large California
Amphiroa.

There is a twisted
form of *Chaetomorpha*
clavata from Natal
in Herb. Harr.
Harvey puts *Cladophora*
scopulaeformis with
Cl. arcta,

Cladophora diffusa
represented by
several good
specimens looking
like long loose
gracilis but probably
good species.

Harvey's *Cladophora*
gracilis not like
mine but slender
and more diffuse
Harvey's *C. latervirens*
from East Coast
is apparently my
gracilis. The California

Laetevires different
and perhaps what
I have supposed
to be cartilaginea.

Only one specimen
of *Collithamia* or
Agaveuloseum

Dasya subsecunda,
Have I got the name
right in Abg. Am. Bot.

Polytiphoria *sita*
looks like my *sita*

No specimen of ~~+~~
Polytiphoria fastigiata
from West Coast in H.S.,

Rathbun's *Polyxiphonia*
from Magellan or
Falkland Isles may
be *P. anisogona*

Polyxiphonia
verticillata exists
only in one very
small fragment.

There is a specimen
of *Gelidium filicinum*
in Herd & Arn, I.C.
Sukria lingulata
S.A., I.U.H.; different

S. Ag. ~~and~~ appear
from *G. filicinum*

Gigartina microphylla
var. *horrida* is in
Herb. Harvey one
specimen Dr. W.
Am. Schott w/7.

A specimen noted
Chrysymenia, Paramatta
River dredged, 428
Port Jackson N.S.W.
branches like my
California Chrysanthemum
Haloaaccione dumontialex
Northumberland found ^{seen to} seem
to be only a *H. rouentacea*
over

with long soft
branches. Horne
wrote on its
label "an ^{un}cultivated

Herb. Agardh.

Erythrophyllum
delessertoides.
Agardh described
this from specimen
of Grey in British
Museum. His figure
shows the whole
specimen but

Specimen bat

he has in his
herbarium only
the upper third
of specimen, the
rest sent back
to British Museum.
The veins are plain
and the margin
is denticulate
which Agardh
considers an
important
specific mark.

The authentic
Priourites jabato
of Herb. Agardh
seems to be the -
same as *Priourites*

Zyphellia Herpestrel.
certainly of some
forms. Agardh
has only one
specimen of
P. Zyphellia from
Herpestrel and that
is the larger
form and it
nearly illustrates
P. Zyphellia as shown
by specimens in
Herpestrel Harvey.

The following
herbarium
names given me

names given me
by Mrs. Bingham
~~and other~~
have not been
described by
Agardde.

viz. *Dityola*
vittarioides
Cyphocladia
amphiroa pluvosa
Amph. chikhoegnoldii
Microcladia
ceramiaeides.

Cyphocladia
sulcatacelata
is not my small
California *Lomentaria*

~~Gelidium~~ ~~Coult.~~
fruit of ~~Erythrocystis~~
phyllum.

The *Gelidium*
Coultéri. Ag. Am.
Box. If the species
is young Agardh
has some sets
of *Coultéri* some
of which approach
my specimen
in Ag. Am. Box.

One specimen
sent to Agardh
by me some time
ago of ~~Cryptothamnus~~
~~eragano~~ (?) is
apparently a
Farlowia

Nemalion attenuatum
Herb. Farlow from
Chinese at Willow
town is Dormowenia
dichotoma. Gray.

Faucaria Coccinea
2 specimens, one
small, of which

azerdle gave me
a plant; the other
large and looking
precise like
Calliphylax variegata
var. ~~murecota~~ but
faded.

I cannot distin-
guish between
Gigartina Gardneri
Offerb. &g. from
Californica and
hispi-ciliolosa.

I can hardly
distinguish
Iridaea membranacea from *I. minor*
in Herb. As Averell
puts my *Iridaea*
Canivariades
with *I. cordata*
rather than
Canivariades,
he does not
agree with Bonpland
on limits of *Canivariades*.

in Argentina;
moldicai
Nemalioxia
ruminosa
(i.e New Zealand
Nemalioxia) in
Herb.-Alg.

Dolsseria
corymbosa I
cannot tell
from D. Baeri.

Micophyllum
multilobatum
Herb.-Alg. & orchid.

all small and
it seems to me
same as *R. violaceum*

Herb. Werniger.

I ed. ~~say~~ *Morostoma*
gracilidicam
as. which appears to
be my *M. collinum*.

My *Lithothamnion*
polymorphum is
L. circumscriptum
Traenfelt and
my *Lithothamnion*

fasciculatum ♂
L. glaciale *tjellwan*



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